



Proposal and Attendance Form for NSTX Research Forum 2001

First Name and Initial(s)	George R.
Last Name	Tynan
Email address	gtynan@ucsd.edu
Mailing address	460 EBU-II MC-0417 UCSD La Jolla CA 92093
Phone number	858-534-9724
Institution	UC San Diego
Co-authors	J. Boedo, R. Moyer

Please write in the boxes below a one-page abstract of your proposal to be presented:

Title: Edge and SOL studies of plasma and RF-wavefields during HHFW Current Drive

Abstract: The UCSD scanning probe can be used to provide plasma density and electron temperature measurements during HHFW current drive experiments in NSTX. In addition the probe head can be designed to measure the RF magnetic field profiles during these experiments. The diagnostic requirements and possible physics deliverables of such a capability will be briefly discussed.

<p>Choose only one topical session by inserting X for each proposal (Use separate forms for separate proposals)</p>	<p><u>2000 Results</u> (mbell@pppl.gov) & 2001 Research Program (esynakowski@pppl.gov) (Please submit by January 10, 2001)</p> <p><input type="checkbox"/> ET1: Macroscopic Stability <input type="checkbox"/> ET2: Transport & Turbulence <input type="checkbox"/> ET3: High Harmonic Fast Wave & Electron Bernstein Wave <input type="checkbox"/> ET4: Coaxial Helicity Injection <input type="checkbox"/> ET5: Boundary Physics</p> <p><u>2002-2005 Research Opportunities</u> (mpeng@pppl.gov) (Please submit by January 11, 2001)</p> <p><input type="checkbox"/> TG1: Noninductive Startup <input type="checkbox"/> TG2: Heating, Current Drive & Fueling <input type="checkbox"/> TG3: Macroscopic Stability <input type="checkbox"/> TG4: Transport & Turbulence <input type="checkbox"/> TG5: Energetic Particle Physics <input type="checkbox"/> TG6: Multiphase Interface (Boundary Physics)</p> <p><u>Fluctuations Measurement</u> (esynakowski@pppl.gov) (Please submit by January 10, 2001) XFluctuations Measurement proposals</p>
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Select a presentation option by inserting X:

- Oral presentation in person
- Remote presentation via ShowStation and speakerphone
- Ask discussion leader to include in discussion
- No need to present, but include in meeting summaries
- Attend Forum only (in person or with remote access)

Special Requests for your proposal (projector type, time constraints, etc.):

Need SVGA or XGA computer projector compatible with Windows-based system.



Please return this document via e-mail attachment to jrobinson@pppl.gov, jsavino@pppl.gov, and the corresponding organizer listed above. Please e-mail questions or comments to the organizers listed above.